

## Case 3063

*Blennocampa* Hartig, 1837, *Cryptocampus* Hartig, 1837, *Taxonus* Hartig, 1837, *Ametastegia* A. Costa, 1882, *Endelomyia* Ashmead, 1898, *Monsoma* MacGillivray, 1908, *Gemmura* E.L. Smith, 1968, BLENNOCAMPINI Konow, 1890 and CALIROINI Benson, 1938 (Insecta, Hymenoptera): proposed conservation by setting aside the type species designations by Gimmerthal (1847) and recognition of those by Rohwer (1911)

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**Abstract.** Gimmerthal (1847) proposed type species for the sawfly genera *Poecilostoma* Dahlbom, 1835, *Blennocampa* Hartig, 1837, *Cryptocampus* Hartig, 1837 and *Taxonus* Hartig, 1837 (family TENTHREDINIDAE). The designations of type species in Gimmerthal's publication have been overlooked by subsequent authors. The purpose of this application is to conserve the subsequent designations of type species by Rohwer (1911), thereby maintaining the current usage of the genus-group names *Blennocampa*, *Cryptocampus*, *Taxonus*, *Ametastegia* A. Costa, 1882, *Endelomyia* Ashmead, 1898, *Monsoma* MacGillivray, 1908 and *Gemmura* E.L. Smith, 1968, and the family-group names BLENNOCAMPINI Konow, 1890 and CALIROINI Benson, 1938.

**Keywords.** Nomenclature; taxonomy; Hymenoptera; TENTHREDINIDAE; BLENNOCAMPINAE; CALIROINI; sawflies; *Blennocampa*; *Cryptocampus*; *Taxonus*; *Ametastegia*; *Endelomyia*; *Monsoma*; *Gemmura*.

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1. Gimmerthal (1847) published a survey of the sawflies occurring in Livonia and Kurland. He included (pp. 34–42) a key to the genera and listed type species, which he indicated as such by the word 'Typus' or by the abbreviations 'Typ.' or 'T.'. For some genera Gimmerthal (1847) has to be regarded as the first publication of the subsequent designation of a type species. For several other genera the selection of types by Gimmerthal are not valid as the species designated were not originally included in the genera, or the types had already been selected by other authors before 1847. The paper by Gimmerthal (1847) has been overlooked for the purpose of designation of type species by subsequent authors. For the four genera *Poecilostoma* Dahlbom, 1835, *Blennocampa* Hartig, 1837, *Cryptocampus* Hartig, 1837 and *Taxonus* Hartig, 1837 the accepted type species are those designated by Rohwer (1911). Recognition of Gimmerthal's (1847) type designations for these genera would also affect the validity of the genus-group names *Ametastegia* A. Costa, 1882, *Endelomyia* Ashmead, 1898, *Monsoma* MacGillivray, 1908 and *Gemmura* E.L. Smith, 1968, and of the family-group names BLENNOCAMPINI Konow, 1890 and CALIROINI Benson, 1938.

2. For the following genera Gimmerthal (1847) designated type species which are not in accordance with the current understanding of the taxon:

***Poecilostoma* Dahlbom, 1835** (pp. 5, 13)

Designation by Gimmerthal (1847, p. 41): *Tenthredo* (*Allantus*) *obesa* Klug, 1817 (p. 210; cited by Dahlbom as a junior synonym of *T. pulverata* Retzius, 1783, p. 72, currently known as *Monsoma pulveratum*).

Current usage: type species *Tenthredo guttata* Fallén, 1808 (p. 105; synonymized with *T. liturata* Gmelin, 1790, p. 2668, by Konow, 1905, p. 103; currently known as *Empria liturata*). Designation by Rohwer (1911, p. 87).

Following Rohwer (1911, p. 87), *Poecilostoma* Dahlbom, 1835 has been treated as a junior synonym of *Empria* Lepeletier & Serville, [1828] (p. 571). Recognition of Gimmerthal's (1847) type designation would result in *Poecilostoma* becoming the valid name for *Monsoma* MacGillivray, 1908 (p. 368; type species *Poecilostoma inferentia* Norton, 1868, p. 224). *Monsoma* is a name in current use (family TENTHREDINIDAE) which will be conserved if Gimmerthal's action is set aside. We now propose this.

***Blennocampa* Hartig, 1837** (p. 266)

Designation by Gimmerthal (1847, p. 39): *Tenthredo aethiops* Gmelin, 1790 (p. 2992; a replacement name for *T. morio* Fabricius, 1781, p. 416, which was a homonym of *T. morio* Fabricius, 1781, p. 414, known as *Nesoselandria morio*, treated as *Dulophanes morio* by Lacourt, 1998). *T. aethiops* is currently known as *Endelomyia aethiops*.

Current usage: type species *Tenthredo* (*Allantus*) *pusilla* Klug, 1816 (p. 71; a junior homonym of *Tenthredo pusilla* O.F. Müller, 1776, p. 1, and replaced by *Blennocampa phyllocolpa* Viitasaari & Vikberg, 1985, p. 2). Designation by Rohwer (1911, p. 75).

The genus *Endelomyia* Ashmead, 1898 (p. 256; type species *Selandria rosae* Harris, 1841, p. 380, a junior synonym of *Tenthredo morio* Fabricius, 1781 and *T. aethiops* Gmelin, 1790; see, for example, D.R. Smith, 1971, p. 10) is included in the tribe CALIROINI Benson, 1938 (p. 368) of the subfamily HETERARTHRIINAE Benson, 1952 (see D.R. Smith, 1971) or BLENNOCAMPINAE KONOW, 1890 (see Benson, 1952). *Blennocampa* Hartig, 1837 is the type genus of the BLENNOCAMPINAE. Recognition of Gimmerthal's (1847) type species designation for *Blennocampa* would result in *Blennocampa* becoming the valid name for the genus which is presently called *Endelomyia*, and a new name would be needed for *Blennocampa* as currently understood. Furthermore, the tribe name BLENNOCAMPINI would become a senior synonym of CALIROINI (type genus *Caliroa* A. Costa, 1859, p. 59; type species *Caliroa sebetia* A. Costa, 1859, synonymized with *Tenthredo* (*Allantus*) *cinxia* Klug, 1816, pp. 69–70, by Konow, 1890, p. 248) and a new name would be required for the group of species currently called BLENNOCAMPINI.

We propose that Gimmerthal's (1847) type species designation for *Blennocampa* be set aside, so allowing the accustomed usages of the generic names *Blennocampa* and *Endelomyia*, and of the tribe names BLENNOCAMPINI and CALIROINI, to be maintained.

*Endelomyia aethiops* is the 'rose-slug' sawfly, well known as a pest of roses (see D.R. Smith, 1971, who wrote that the species 'has received much attention in the

literature and was recognized as a pest of roses as early as 1841 by Harris. In Massachusetts in the 1840's it was such a pest that \$100 was offered for the most successful way to destroy it (Chittenden, 1908').).

***Cryptocampus* Hartig, 1837 (p. 221)**

Designation by Gimmerthal (1847, p. 36): *Nematus mucronatus* Hartig, 1837 (p. 223; currently known as *Euura (Gemmura) mucronata*).

Current usage: type species *Nematus (Cryptocampus) medullarius* Hartig, 1837 (p. 224; synonymized with *Cynips amerinae* Linnaeus, 1758, p. 554, by Dalla Torre, 1894, pp. 274-275; currently known as *Euura amerinae*). Designation by Rohwer (1911, p. 77, who misspelled *medullarius* as *medullaris*).

Recognition of the designation of *Nematus mucronatus* Hartig, 1837 as the type species of *Cryptocampus* Hartig, 1837 would cause the currently valid subgeneric name *Gemmura* E.L. Smith, 1968 (p. 1401; type species *N. mucronatus* Hartig, 1837) to become a junior objective synonym of *Cryptocampus*. We propose that Gimmerthal's (1847) type designation be set aside.

***Taxonus* Hartig, 1837 (p. 297)**

Designation by Gimmerthal (1847, p. 41): *Tenthredo (Allantus) bicolor* Klug, 1817 (p. 219; synonymized with *Tenthredo equiseti* Fallén, 1808, p. 60, by Thomson, 1871, p. 234; currently known as *Ametastegia equiseti*).

Current usage: type species *Tenthredo (Allantus) nitida* Klug, 1817 (p. 218). Designation by Rohwer (1911, p. 90) who, following Konow ('1896', recte 1905, p. 108) and MacGillivray (1908), cited *Tenthredo nitida* as a junior synonym of *T. agrorum* Fallén, 1808 (p. 60), which is currently placed in *Taxonus*.

Gimmerthal (1847) recorded *Tenthredo bicolor* Klug, 1817 as the type species of '*Taxonus* Meyr.' (cited as '*Taxonus*, Meg. v. Mühlfeld' by Hartig, 1837). Recognition of Gimmerthal's designation would mean that *Taxonus* would become the valid name for those species presently grouped as *Ametastegia* A. Costa, 1882 (p. 198; type species *Ametastegia fulvipes* A. Costa, 1882, synonymized with *Tenthredo glabrata* Fallén, 1808, p. 108, by Konow, 1905). The valid name for *Taxonus* as currently understood would be *Ermilia* A. Costa, 1859 (p. 106; type species by monotypy *E. pulchella* A. Costa, 1859, p. 106, pl. 76, fig. 6, a junior synonym of *Taxonus agrorum* (Fallén, 1808); see Costa, 1894, p. 155).

We propose that Gimmerthal's type designation for *Taxonus* be set aside to allow the established usage of the names *Taxonus* and *Ametastegia* to continue.

3. Recognition of the type species designations made by Gimmerthal (1847) would upset the current usage of a number of generic names and would threaten nomenclatural stability. Changes in the current use of the genus- and family-group names which have been mentioned would cause confusion in the names of widely distributed taxa. Most affected genera are widely distributed in the Holarctic region and are mentioned in many faunistic lists. The names have been used in the following representative list of recent publications: Benson (1952; BLENNOCAMPINI, CALIROINI, *Ametastegia*, *Blennocampa*, *Endelomyia*, *Gemmura*, *Monsoma* and *Taxonus*), Lorenz & Kraus (1957; CALIROINI, *Ametastegia*, *Blennocampa*, *Endelomyia* and *Monsoma*), D.R. Smith (1969; BLENNOCAMPINI, *Blennocampa*), D.R. Smith (1971; CALIROINI,

*Endelomyia*), Krombein, Hurd, Smith & Burks (1979; BLENNOCAMPINI, CALIROINI, *Ametastegia*, *Endelomyia*, *Gemmura* and *Monsoma*), Zombori (1981; CALIROINI, *Ametastegia*, *Blennocampa*, *Endelomyia*, *Monsoma* and *Taxonus*), Viitasaari & Vikberg (1985; BLENNOCAMPINI, CALIROINI, *Ametastegia*, *Blennocampa*, *Endelomyia* and *Taxonus*), Taeger (1986; *Ametastegia*, *Monsoma* and *Taxonus*), Zhelochovtsev (1988; BLENNOCAMPINI, CALIROINI, *Ametastegia*, *Blennocampa*, *Endelomyia*, *Monsoma* and *Taxonus*), Goulet (1992; BLENNOCAMPINI, CALIROINI, *Ametastegia*, *Endelomyia*, *Gemmura*, *Monsoma* and *Taxonus*), Liston (1995; BLENNOCAMPINI, CALIROINI, *Ametastegia*, *Blennocampa*, *Endelomyia*, *Gemmura*, *Monsoma* and *Taxonus*). A list of a further 15 publications in which the names are used, dating from 1952 to 1998, is held by the Commission Secretariat).

4. The International Commission on Zoological Nomenclature is accordingly asked:

- (1) to use its plenary powers to set aside all previous designations of type species prior to those by Rohwer (1911) for the following genera and to make the designations shown:
  - (a) *Poecilostoma* Dahlbom, 1835: type species *Tenthredo guttata* Fallén, 1808;
  - (b) *Blennocampa* Hartig, 1837: type species *Tenthredo (Allantus) pusilla* Klug, 1816;
  - (c) *Cryptocampus* Hartig, 1837: type species *Nematus (Cryptocampus) medullarius* Hartig, 1837;
  - (d) *Taxonus* Hartig, 1837: type species *Tenthredo (Allantus) nitida* Klug, 1817;
- (2) to place on the Official List of Generic Names in Zoology the following names:
  - (a) *Poecilostoma* Dahlbom, 1835 (gender: neuter), type species by subsequent designation by Rohwer (1911) *Tenthredo guttata* Fallén, 1808 (a junior subjective synonym of *Tenthredo liturata* Gmelin, 1790), as ruled in (1)(a) above;
  - (b) *Blennocampa* Hartig, 1837 (gender: feminine), type species by subsequent designation by Rohwer (1911) *Tenthredo (Allantus) pusilla* Klug, 1816 (invalid senior objective synonym of *Blennocampa phyllocolpa* Viitasaari & Vikberg, 1985), as ruled in (1)(b) above;
  - (c) *Cryptocampus* Hartig, 1837 (gender: masculine), type species by subsequent designation by Rohwer (1911) *Nematus (Cryptocampus) medullarius* Hartig, 1837 (a junior subjective synonym of *Cynips amerinae* Linnaeus, 1758), as ruled in (1)(c) above;
  - (d) *Taxonus* Hartig, 1837 (gender: masculine), type species by subsequent designation by Rohwer (1911) *Tenthredo (Allantus) nitida* Klug, 1817 (a junior subjective synonym of *Tenthredo agrorum* Fallén, 1808), as ruled in (1)(d) above;
  - (e) *Ametastegia* A. Costa, 1882 (gender: feminine), type species by monotypy *Ametastegia fulvipes* A. Costa, 1882 (a junior subjective synonym of *Tenthredo glabrata* Fallén, 1808);
  - (f) *Endelomyia* Ashmead, 1898 (gender: feminine), type species by monotypy and original designation *Selandria rosae* Harris, 1841 (a junior subjective synonym of *Tenthredo aethiops* Gmelin, 1790);
  - (g) *Monsoma* MacGillivray, 1908 (gender: neuter), type species by monotypy and original designation *Poecilostoma inferentia* Norton, 1868;

- (h) *Gemmura* E.L. Smith, 1968 (gender: feminine), type species by original designation *Nematus (Cryptocampus) mucronatus* Hartig, 1837;
- (i) *Caliroa* A. Costa, 1859 (gender: feminine), type species by monotypy *Caliroa sebetia* A. Costa, 1859 (a junior synonym of *Tenthredo (Allantus) cinxia* Klug, 1816);
- (3) to place on the Official List of Specific Names in Zoology the following names:
- (a) *liturata* Gmelin, 1790, as published in the binomen *Tenthredo liturata* (senior subjective synonym of *Tenthredo guttata* Fallén, 1808, the type species of *Poecilostoma* Dahlbom, 1835);
- (b) *phyllocolpa* Viitasaari & Vikberg, 1985, as published in the binomen *Blenmocampa phyllocolpa* (junior objective synonym of *Tenthredo (Allantus) pusilla* Klug, 1816, the type species of *Blennocampa* Hartig, 1837);
- (c) *amerinae* Linnaeus, 1758, as published in the binomen *Cynips amerinae* (senior subjective synonym of *Nematus (Cryptocampus) medullarius* Hartig, 1837, the type species of *Cryptocampus* Hartig, 1837);
- (d) *agrorum* Fallén, 1808, as published in the binomen *Tenthredo agrorum* (senior subjective synonym of *Tenthredo (Allantus) nitida* Klug, 1817, the type species of *Taxonus* Hartig, 1837);
- (e) *glabrata* Fallén, 1808, as published in the binomen *Tenthredo glabrata* (senior subjective synonym of *Ametastegia fulvipes* A. Costa, 1882, the type species of *Ametastegia* A. Costa, 1882);
- (f) *aethiops* Gmelin, 1790, as published in the binomen *Tenthredo aethiops* (senior subjective synonym of *Selandria rosae* Harris, 1841, the type species of *Endelomyia* Ashmead, 1898);
- (g) *inferentia* Norton, 1868, as published in the binomen *Poecilostoma inferentia* (specific name of the type species of *Monsoma* MacGillivray, 1908);
- (h) *mucronatus* Hartig, 1837, as published in the binomen *Nematus (Cryptocampus) mucronatus* (specific name of the type species of *Gemmura* E.L. Smith, 1968);
- (i) *cinxia* Klug, 1816, as published in the binomen *Tenthredo (Allantus) cinxia* (senior subjective synonym of *Caliroa sebetia* A. Costa, 1859, the type species of *Caliroa* A. Costa, 1859);
- (4) to place on the Official List of Family-Group Names in Zoology the following names:
- (a) BLENNOCAMPINI Konow, 1890 (type genus *Blennocampa* Hartig, 1837);
- (b) CALIROINI Benson, 1938 (type genus *Caliroa* A. Costa, 1859).

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